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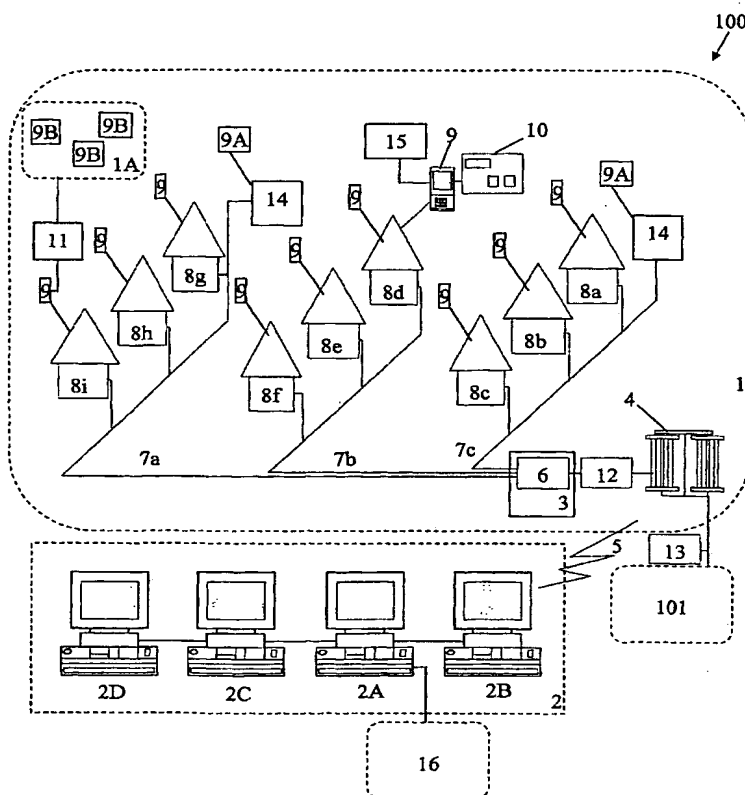
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(54) Title: A POWER LINE COMMUNICATION SYSTEM AND AN INTELLIGENT METER



(57) Abstract: A power line communica-  
tion system (100) including a plurality of  
intelligent devices (9) in communication  
with a power line and operable to monitor  
energy usage at a site and communicate  
usage data onto the power line, and a  
controller (3) also in communication with  
the power line, wherein each intelligent  
device (9) maintains a routing table  
identifying a first set of other intelligent  
devices (9) downstream of it relative to  
the controller (3) that it can communicate  
with directly and identifying a second  
set of other intelligent devices (9)  
downstream of it relative to the controller  
(3) that it can communicate with through  
one or more of the first set of other  
intelligent devices (9).



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